larmer







Dear Customers and clients, Hi fans of UTS,

A much-quoted saying goes, "we should not worship ashes, but always spark the fire." I find this saying describes very well the current situation in the market, in the industry but also our situation internally.

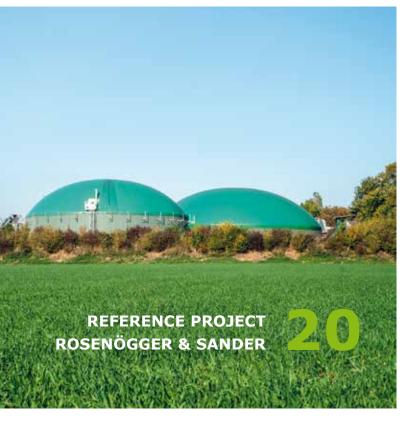
We have grown together with our customers and we always understood ourselves as a competent and loyal partner. After the boom we did not twiddle our thumbs. Our employees have succeeded in constantly developing new products or improving existing products. Our service-box has become the most economical solution when it comes to mixer maintenance or replacement. Our latest generation of mixer technology inspires operators of biogas plants – whether in UTS or other biogas plants. Furthermore, in the separation technology field we have a brand new development for the separation of liquid manure and digestate with our NRScompact.

As you can see, we have always sparked the "fire". Therefore, we are particularly proud to be able to cover interesting articles and reports from our UTS everyday life in our first issue of INfarmer.

Enjoy reading and maybe we might tell your success story in one of our upcoming editions.

With the best regards

Stefan Kaiser











CONTENT

03		Editorial Stefan Kaiser
06 - 07	-	Vision Anaergia / UTS
08 - 09	-	UTS Separation Units
10 - 11	-1	Separation Units FSP A / FSP B
12 - 13	-1	Mobile Separation Units
14 - 17	-	Product Innovation - NRScompact
18 - 19	1	Bedding
20 - 25	-	Reference Project Rosenögger & Sander
26 - 27	-1	Repowering
28 - 29	- 1	PSM Mixer Technology
30 - 33	-	Service
34 - 35		About Anaergia



LEGAL NOTICE

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UTS Products GmbH Oestinghausener Str. 12 59510 Lippetal phone: +49 2923 610 94 0 www.uts-products.com

Editorial staff:

Stefan Kaiser, UTS Products Jens Schönlau, sku:l communication

Concept and realization:

Plan B Marketing Möhnestraße 55 59755 Arnsberg phone: +49 2932 899722 www.planb-suedwestfalen.de

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OUR VISION

ANAERGIA / UTS PRODUCTS

Anaergia is the world leader in solving waste problems by recovering energy, water, and fertilizer from virtually any waste stream. While Anaergia was built on the foundations of highly capable and experienced acquisitions, focused investments on innovation and execution capabilities allow us to deliver facilities that divert waste, reduce life cycle costs, create new revenue streams, and maximize renewable energy output.





DELIVERING THE GOODS

UTS FSP SEPARATORS - SOLID / LIQUID SEPARATION

UTS separators deliver in practice what you need: maximum performance from start to finish. Our FSP filter screw presses are designed to be highly robust and are therefore perfectly equipped to deal with the rigours of practical use.

With the evolution of the FSP A, we laid the foundations for continuous further development in 2009. Today, every detail of our separators is intelligently designed to contribute to their long-term stability and maximum throughput when separating slurry, fermentation substrate, stillage and other suspensions.

Thanks to the Made-in-Germany quality of our systems, coupled with our engineering expertise and modern production methods, we offer you high-end separators with decisive practical advantages:

LOW COSTS -HIGH PERFORMANCE

With UTS separators, you benefit from consistently high throughput and separating performance. The carefully planned design, in conjunction with high-quality materials, keeps wear low. Maintenance and service work can be carried out quickly and easily on site without having to dismantle the crown or pipelines, keeping overall downtimes to a minimum. The high FSP performance in combination with very low operating costs over the entire lifespan keeps the accounting books happy too.

CUSTOM-DESIGNED - CLEVERLY CALCULATED

We don't just supply any product. Instead, we deliver precisely the separator solution you need and which makes the most commercial sense. The broad portfolio of UTS models ranges from

high-performance industrial solutions and specific agricultural systems to mobile separators. We would be happy to advise you and draw up a dimensional, nutritional and costs analysis. We can also assist you with the process of integrating the FSP into your existing workflows. All in all, you receive precisely the solution that best suits your application in terms of both cost and performance. And if you wish, we can take care of the entire separator installation process, including the pumps, platform, pipeline construction, fittings, sensors and controls.



MADE CLEVER

INTELLIGENT TECHNOLOGY

Our designers and engineers have tuned every detail of the UTS separators in the FSP series to deliver maximum performance. Every component and every unit has been optimised to ensure sturdiness and functionality.



- Partition into filter and press zone: Maximum capacity, minimum wear, reliable protection against screen damage!
- Hinged press housing with quick opening device:

 Fast, effort-saving access to the screen and
 - press screw!

Press screw with tungsten carbide hard

coating:
Extremely tough, stable, precise and wear-resistant!

Fibre cutting device in front of screen section:

No blockages caused by trapped material with long fibres!

Drive adapter with axial face seal and grease chamber:

No gear damage of the gear motor caused by axial forces or leakages into gearbox!

✓ Inspection openings in the inlet and screen housing

Cleaning and maintenance work can be carried out quickly and easily!



Hinged press housing with quick opening device



Output regulator (closed)



Inspection opening in the screen housing



FSP A

UNCOMPROMISINGLY HIGH QUALITY

Our UTS FSP A separator series in stainless steel was developed in 2009 especially for the exacting demands of industry and high-performance agriculture. Areas of use:

- Dewatering (pulp, fine rejects, mud containing fibres) and solids removal (waste water, process water) in the paper, cellulose and timber processing industry
- Fruit and vegetable processing, dewatering of distiller's wash/brewer grains, waste water and waste treatment in the food industry
- Abattoir waste, gastrointestinal contents, waste water in the meat processing industry
- Separation of waste, cleaning of waste water and circulation water in plastics recycling



FSP B

ESPECIALLY COST-EFFECTIVE

With the FSP B series, we created an alternative in 2014 that offered particular appeal from a cost perspective for agricultural use. In terms of their structure and function, both FSP series are identical. The FSP B components, such as the inlet, screen and press housings, are designed as intrinsic components made from less expensive spheroidal graphite iron. Areas of use:

- · Separation of cattle, pig and poultry slurry
- Separation of fermentation residue from biogas plants to reduce the final storage volume (10-30%)
- Separator as the first step in complete fermentation residue processing plants













When we converted our FSP A separator into the mobile separation unit MSU in 2011 for demonstration purposes, we weren't aware that there was actually a market for this product. As demand for the mobile system began to grow, we refined it. Since 2015, the system has supplemented the UTS FSP A and FSP B separator series with the MSU mobile separator.

ANYTIME, ANYWHERE

The advantages of mobile separation are obvious: the system is mobile and can be used wherever it's needed. This creates a temporary installation that does not require a permit. The MSU is especially of interest when slurry needs to be separated at various points within a plant. As a contractor, mobile se-

paration can expand your spectrum of services, and for small and medium-sized neighbouring businesses, it can be worthwhile sharing a mobile UTS separator.

COMPACT AND POWERFUL

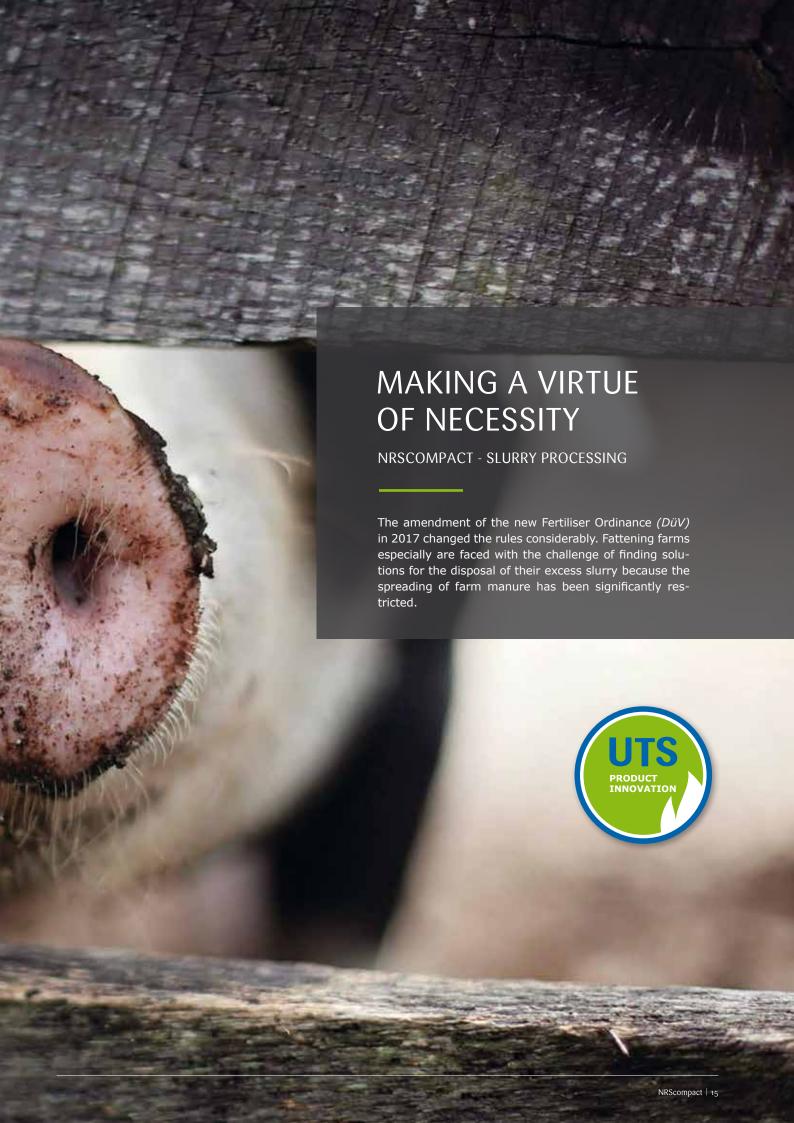
The MSU works like a straightforward plug & play solution. In other words, simply plug it in and separate at a throughput rate of up to 45 m3/h. To ensure that your processes run smoothly and at maximum performance, the system operates fully automatically. This is made possible thanks to a constantly regulated feed pressure, which ensures an optimised supply of material. The compact configuration of the unit as a whole means it is easy to transport and can be moved around on a trailer.

FLEXIBLE IN USE

The MSU separator opens up a range of possible uses. The various designs allow its use in normal separating mode, in bedding mode or in combined mode, which allows toggling between the two variations.

Options such as a filtrate tank and filtrate pump, combined connections for supply and filtrate lines (DIN flange, Perrot coupling, square flange) and height-adjustable feet allow you to adapt the configuration to your separating needs.







INTELLIGENT SLURRY PROCESSING

NRSCOMPACT

As a result, the selling prices for excess slurry have risen considerably. Separating and processing slurry is a much more attractive prospect, both economically and ecologically, than selling it. An added value process turns a disposable commodity in some cases into a lucrative, marketable raw material for energy production or even natural fertilisers. These latter can replace the artificial

fertilisers that require a lot of energy to produce, and with their organic content can contribute to humus formation and soil improvement.

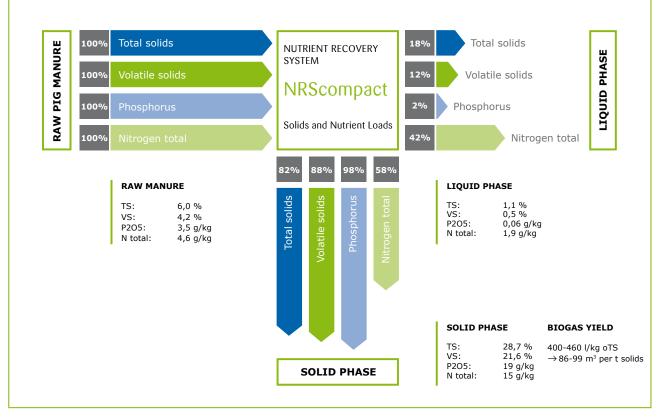
SLURRY PROCESSING WITH UTS

We moved into the processing of slurry and nutrients back in 2015. Since this time, we have invested in the development of a fully automatic,

all-in-one system for the mechanical and cost-optimised separation of solids and nutrients from pig slurry and fermentation residue.

Following extensive practical testing, we are launching our UTS slurry preparation system - the NRScompact - onto the market at the end of 2018 / start of 2019.





Treatment of Fattening Pig Manure with NRS / NRScompact - Solid and Nutrient Loads (example calculation)

INTELLIGENT SEPARATION

The system's core advantage is that separation into a solid phase and a liquid phase takes place in accordance with the requirements of the amended DüV. The solid phase (TS > 25%) separated from the raw slurry or fermentation residue is especially rich in nutrients. It is ideal for use as an energy source in biogas plants or as a natural fertiliser in regions with low farm manure availability. Further drying and thermal recycling are also possible. Since the NRScompact system achieves high capture rates during separation (phosphate > 98%, TS > 80%, oTS > 85%, nitrogen > 50%), the liquid phase can easily be processed further thanks to minimised solid contents and low

viscosity (e.g. NH3 stripping under UF/RO). One very important advantage for fattening farms is of course the significantly smaller area of arable land required for spreading the separated slurry.

HIGH THROUGHPUT - FLEXIBLE USE

The UTS NRScompact slurry processing system is mobile. With a throughput volume of up to 4 m3 of raw slurry (3-8% TS) an hour, it can be used for pen systems housing up to 20,000 fattening pigs. The fully automatic control ensures constant, reliable system operation. The NRScompact is equipped with everything that might be needed: a feed pump and filtrate pump, polymer pre-

paration and dosing station with intensive mixing, iron (III) dosing unit with mixing cyclone for optional pre-flocculation and optimisation of phosphate deposition, as well as a connection option for a conveyor belt or screw.

OTHER ADVANTAGES

Very low energy consumption (total system approx. 6 kWel), noise levels (< 60 dB) and maintenance input, as well as a very long lifespan thanks to superlative product quality. ■



Flocculated pig manure



Filtrate pig manure



Solids





Bedding cows on slurry? Even the thought of it is offensive. But if you look more closely and you listen to Bedding pioneers and users, you'll soon find your preconceptions shattered by hard facts.

It's cost-effective, sustainable and cows like it. And ultimately, the separated slurry isn't actually slurry any more. The solid materials obtained smell like turf and, with a low residual moisture content, have a pleasant consistency that provides pleasant lying properties when used as bedding material. The UTS Bedding separators use carefully designed technology to achieve a high pressing force on the screen, achieving dry substance contents of 33 to 40% (!) - numbers that have scarcely been heard of before. In this case, our separating experience, our expertise, the high quality of our products and our German engineering pay dividends for you.

ECONOMICAL AND ECOLOGICAL

What could be more sustainable than using a material that you already have on site? Bedding materials such as straw and sawdust not only have to be purchased, but they're also expensive and have to be transported long distances. So it makes



perfect sense to use what you already have. For a business with around 100 dairy cattle alone, the annual costs of sawdust for box bedding can amount to € 20,000. And that's not even considering the CO2 footprint. As one farmer who uses Bedding said: "Bedding isn't just cheaper than sawdust, it's also more sustainable because we're recycling our own slurry in the best possible way." After all, the separated liquid phase can also be used as a high-quality fertiliser for pasture land.

AND THE ANIMALS?

They love it. They get significantly more comfortable bedding which contributes to better udder health. What's important here, however, is that there is no third-party slurry

to separate or any need to obtain separated fermentation substrates from biogas plants because doing so raises the possibility of bringing outside germs into the stalls. It's also important to keep the box dry in order to keep germ development at a stable level. It is then comparable with sawdust or a straw-manure mattress. One advantage of the Bedding which should not be under-estimated is the significant reduction in injuries to the ankle and carpal joints, through which users have reduced the wastage rate to up to 20%. Animals are also much cleaner thanks to the mattress's improved water-binding properties. Other advantages: reduced dust levels, easier spreading of the liquid phase and increased storage capacity in the manure storage facility.

POWERFUL UTS SEPARATORS

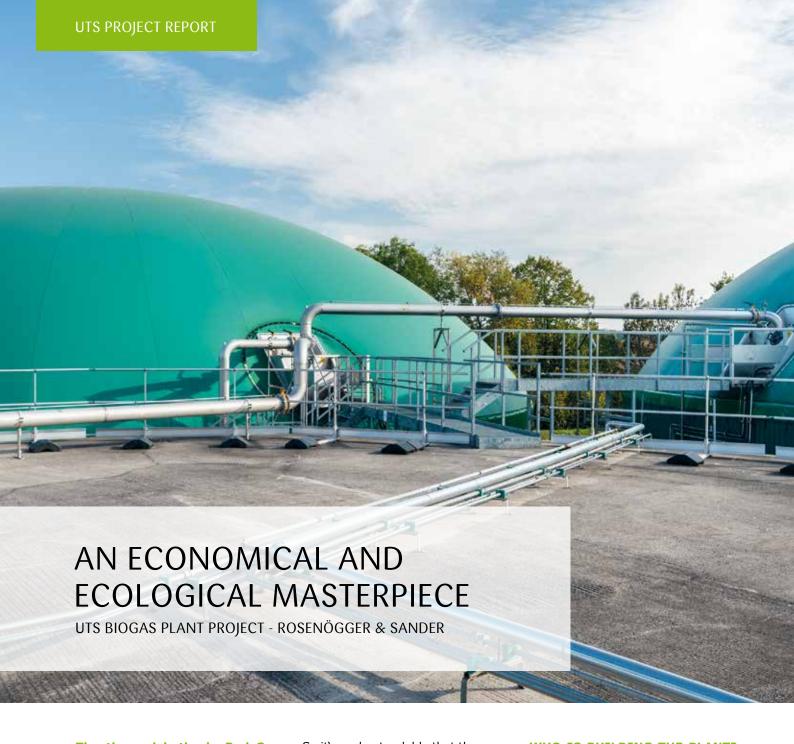
Through the separation of the screen and press area, UTS separators achieve high pressing forces. In combination with high-torque drives, reduced auger speeds, reinforced screens and modified counter-pressures, solid dry substance contents of up to 40% are achieved. The systems are also low-maintenance, service-friendly and long-lasting. Thanks to their high performance with low wear, their operating costs are very low. As a result, a UTS Bedding separator can make financial sense for dairy herds of just 80 cows. What's more, the investment will pay off for you after just a short time!











The thermal baths in Bad Sassendorf are a magnet for visitors. Each year, around 300,000 visitors take the opportunity to spend a "day by the sea" in the facility's salt water pools, saunas or salt caves. A comprehensive investment has been made recently in restoring the facility to increase its appeal even further.

Visitors are able to enjoy a pleasant, all-year-round temperature of 33°C in five salt water pools (two indoors, three outdoors). The extensive sauna amenities include no fewer than seven different saunas. So it's understandable that the overall heat energy requirements are high. To operate in an economically and ecologically effective and sustainable manner, the operator decided in 2009 to switch from using its own boilers to using CHP plants powered by biogas. Initially, a cooperation partner was found in an agricultural company from the nearby town of Heppen which met all of the preconditions for operating a powerful biogas plant. Following this, neighbouring farmers Harald Rosenögger and Achim Sander founded Biogas GmbH & Co. KG. This opened up new prospects for the pair to add another strand of business to and therefore to diversify their farming operations.

WHO IS BUILDING THE PLANT?

This question was put out in 2009 and was answered through a tendering process, at the end of which we got the green light for our concept. According to the customer's statements, a whole series of points that worked in our favour were crucial for this decision: A good plant concept, impressive references from Bavaria and good examples from the nearby region that had been built previously. Components such as ZPS solid feed, service boxes and conveyor belt technology, as well as the high-quality constructions and UTS pipeline installation. And last but not least: the UTS office in Lippetal.

Construction of the first section began in the spring of 2010, and by the end of 2010 the CHP was set up at the thermal baths and the whole plant commissioned. To begin with, this is how it looked: At the yard on Heppen's Kampstrasse, we built a fermenter with a volume of 2,280 m3 (diameter 22 m, height 6 m) with an insulated concrete roof and two UTS service boxes with hydraulic mixer technology. Added to this was a fermentation product store with a volume of 4,850 m3 (diameter 32 m, height 6 m) and an inflatable film cover. Between the fermenter and the fermentation product store, we created space for the pump technology (UTS ZPS DRP 4000 pump) with distributor, a gas analysis device and control system. Other system components: a preliminary tank for slurry delivery, gas cooling with gas pressure increase for the microgas pipe and a woodchip heater (200 kW) to heat the fermenter.

POWERFUL PERFORMANCE FROM THE START

From the commissioning stage, Rosenögger & Sander supplied biogas via a 3.5-kilometre-long micro-gas network for the operation of two CHPs at the sites of the thermal baths (370 kW) and Quellenhof Clinic (180 kW) in Bad Sassendorf. The local arrangement of the CHPs has the advantage that up to almost 100% of the heat generated is used.

All in all, this means that the plant, as an overall concept, is achieving peak standards both from an economical and ecological perspective with the highest degree of efficiency. With the significant savings in terms of energy costs, a lot of CO2 is also being saved. Ultimately, the plant adds up for everyone involved - including nature.









EXPANDING THE SUCCESS

BUILDING SECTIONS II AND III

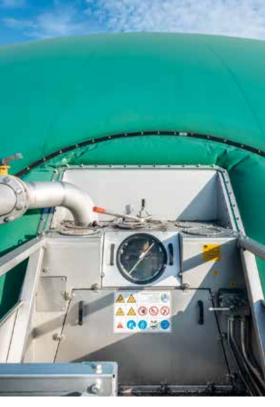
In the years that followed directly afterwards, 2011 and 2012, we were able to expand the overall concept and take its performance to an even higher level with repowering.

At the therapy centre in Bad Sassendorf, the customer built a further CHP with an output of 370 kW. To cover the gas requirements, the biogas plant in Heppen had to be expanded with a post-fermenter made from insulated reinforced concrete with a capacity of 3,700 m3 (diameter 26 m, height 7 m). Our UTS service box with its intelligent mixer technology was used here too. And then in 2012, in stage III of the construction project, an additional fermentation product store was built in Achim Sander's yard.

EFFICIENT REPOWERING

To handle the increased overall energy requirements of the thermal baths, the Quellenhof Clinic and the therapy centre, the outputs of the individual CHPs were increased to 400 kW (previously 370 kW), 220 kW (previously 180 kW) and 400 kW (previously 370 kW) respectively. The amount of biogas produced accordingly also had to increase.

Together with Rosenögger and Sander, we developed targeted repowering measures to make better use of the substrate used (12,500 t of corn silage, 2,500 t of pig manure, 2,500 t of cattle manure, 1,000 t of dried







Pumps and distributors with intelligent substrate processing

chicken dung and 4,000 m3 of pig slurry). The measures in detail: To begin with, we optimised the flow, pump and mixing behaviour in the fermenter by chopping up the fermenter substrate with Rotocut and a feeder screw displacement pump. The focus here was the reduction in size of the fibres, which would float to the top. We also integrated further intensive chopping via a Gorator. All in all, the measures resulted in the biogas yield from the substrate volume being significantly increased. With the capacity gained, we were able to achieve the reserves needed to drive the CHP's electrical output of a total of 1,020 kW all year.

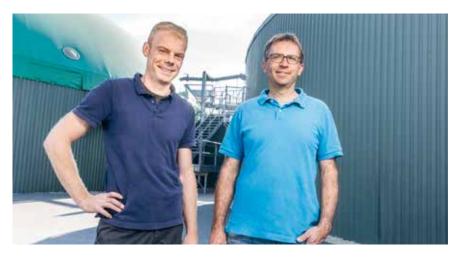
KEEPS ON RUNNING

For us, this project is an excellent example of what can be achieved with good concepts and ideas in combination with powerful, high-quality technology. The original 550 kW plant was expanded simply through the addition of a post-fermenter and targeted repowering to a total capacity of 1,020 kW with virtually 100% heat consumption. And all this with comparatively low investment costs. By the way: since the overall plant started running in 2010, the biology has always worked perfectly, the containers have not yet been emp-

tied and there has been no major damage.

The comment from Achim Sander is unsurprisingly positive: "We are extremely satisfied with the UTS technology in our plant. It offers us plenty of reserves and works with total reliability. The high performance of the new 3D mixer propeller in the hydraulic mixer system is especially pleasing. It saves a noticeable amount of energy when the substrate is being mixed in the fermenter."

For us, the project showed what can be done and how energy can be utilised as best as possible from sustainable raw materials. In Rosenögger & Sander we had a customer who put a lot of trust in us, and who worked very well with us throughout every stage of the project. Ultimately, we are delighted that we were able to pave the way for sustainable heating at the Bad Sassendorf thermal baths. We hope that all of its visitors enjoy their "days by the sea".



Matthias Rosenögger and Achim Sander



GETTING OUT WHAT'S INSIDE

UTS REPOWERING

As a biogas plant operator, you know that the efficiency of your own plant can always be improved just that little bit more. The fitting term: repowering. The aim of this is to get more out of what's inside.

More power, more heat. And at the same time cut emissions and of course comply with the changing legal framework conditions. The Fertiliser Ordinance (DüV), for example, now requires that biogas plants have a storage capacity of 6 to 9 months. This often necessitates the construction of an additional final storage facility or the integration of separation

into the overall process. Complicating the picture further is the legislative decree with the somewhat onerous name of Ordinance on Installations for the Handling of Substances Hazardous to Water (AwSV). It prescribes additional sensors in order to safely avoid the escape of substances that are dangerous to water.

WHAT TO DO?

Talk to us! UTS is the specialist in biogas plants and can provide you, just like many of the other biogas plant operators we already assist, with professional support. One important trend, for example, is the move towards flexibilisation in order to offer the best possible supplementation of the inconstant feeds from wind and solar energy. The advantage is that you are able to produce and supply electricity when prices are high and when doing so will make you the most money. During peak price periods,

for example. To do this, of course, larger CHP plants and gas storage facilities with corresponding pipeline connections and gas cleaning systems are needed. Although this might all sound very expensive at first, the higher revenues and secure future soon make the idea financially viable. With this in mind, it is also worth checking and optimising your own power consumption at your facility. After all, a kWh sold is better than a kWh used.

OUR EXPERIENCE - YOUR ADVANTAGE

With more than 1,600 biogas plants equiped by the Anaergia group worldwide we can look back on many successfully finished repowering projects.

To see which services we can offer you to optimise your plant please find an extract of our repowering options below:

REPOWERING SERVICES PROVIDED BY UTS:

- Optimization of mixing technology, PSM
- Optimization of pump technology, VFD controller, improved pump technology
- Optimization of feeding technology
- Retrofitting of gas and substrate pipework in compliance with WRA
- Retrofitting of sensor technology in compliance with Ordinance on Installations for the Handling of Substances Hazardous to Water (AwSV)
- ✓ Delivery and installation of gas treatment systems including compressor and pipework
- Retrofitting of storage tanks, general contracting also possible
- Delivery of complete tank equipment
 - · pumping and mixing technology
 - \cdot pipework installation
 - · sensor technology
 - · control unit
 - · complete installation
- ✓ Storage tank upgrades to meet the Fertilizer Ordinance (DüV) requirements
- Flexibilization by retrofitting of gas coolers and activated carbon filters
- ✓ Gas pipelines of CHP plants
- and many more ...





Are you looking for mixer technology that is packed full of detailed innovations and yet is more than up to the job?

Technology that operates safely and reliably throughout the process, adapts to changing framework conditions, and works with superb efficiency every time? Then we have exactly what you're looking for:

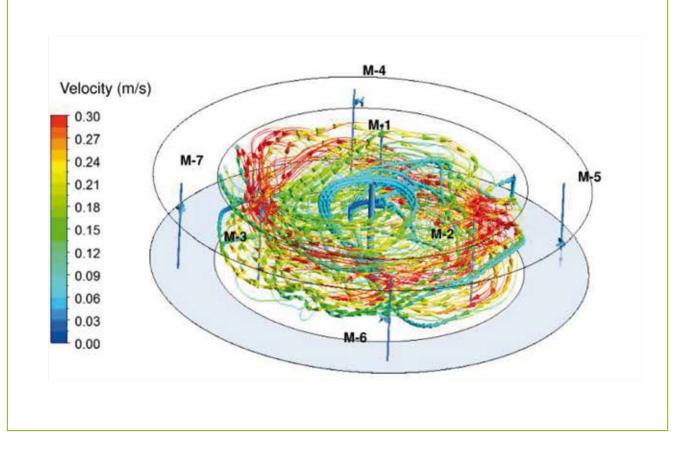
UTS PSM mixers. Together with our development partners, we have invested a lot of time in the development and really have optimised every single component in terms of effectiveness, efficiency and robustness. The result is a mixer that works cleanly under even the toughest conditions and in the agricultural sector keeps media such as slurry in combination with corn silage, triticale, chicken dung, potato and onion residue, maize meal, etc. efficiently in motion. Since it was first launched onto the market in 2015, we have continued to test and optimise the system.

INTELLIGENT TECHNOLOGY

Truly intelligent, because it is carefully thought out and tested. Its two highlights are the motor concept and the mixer blade. Reliable operation, energy efficiency and flexibility were the key criteria in the motor's development. By dispensing with gears, the concept has been kept simple in terms of the parts used.

We were inspired by the principle of the fewer moving components there are, the less there is to go wrong. And this is a principle that has proven successful in practice. Essential for efficient operation with a high degree of effectiveness is the continuous motor control via the Dynamic Mixer Controller (DMC). It responds to the current state of the mixing medium and adapts the speed and torque with flexibility. This saves considerable energy, ensures a good flow rate and contributes to the system's overall efficiency (the keyword here being repowering). The motor concept is supported by the design-optimised propeller mixer blade

VELOCITY OF FLOW



(optionally available in sizes of 940 mm and 1,500 mm). We developed this blade in meticulous flow simulations in combination with CFD calculations, and optimised it step by step in practical tests. The result: the sickle-shaped, pitch-optimised, entanglement-free mixer blade geometry generates maximum thrust and therefore an excellent circulation capacity. We allow ourselves to use superlatives here because, at the moment, there are no alternative products on the market with a similar potential performance. We set the benchmark, as it were.

WHO IS IT FOR?

Generally, our PSM mixer technology can be used in industry (biogas plants, waste water treatment plants), utilities (sewage and waste water treatment plants) and in agriculture (slurry storage facilities, biogas plants). The emphasis is on

energy saving, reliable operation and increased mixing performance. This is especially important in the agricultural sector if a substrate changeover is taking place and expensive corn silage is being replaced by slurry or grass silage, for example. Anyone who has had to work with unreliable and inefficient mixing technology in the past should urgently think about switching to UTS PSM mixer technology.

We would be happy to advise you and can even work out how much it could save you. ■





YOUR UTS SERVICE EMPLOYEE

PETER DIECKMANN, YOUR EXPERT ON THE PHONE

PEOPLE WITH A CLUE

It often sounds a bit pompous and formulaic: our experienced experts and specialists will advise and support you. In principle, that's true. But let's put it another way. When you call us, you'll get someone who knows what you're talking about and who is able to give you answers or develop solutions with you.

The people who answer our phones can regularly be found wearing rubber boots and have been knee-deep in muck many times. For us, professional competence is learned through hard, practical experience. Plus continuous training. After all, the entire industry is a highly dynamic place with all of the legislation changes, repowering and flexibilisation going on. Developments accompany our service.



KEEPING EVERYTHING RUNNING SMOOTHLY FOR YOU

Failure isn't an option. Half a job isn't, either. Not for you, not for us. Our service means business. When we say your problem is our problem, then we mean it. We don't avoid you, we don't prevaricate, we don't put things off and we're right here where you can reach us. We work with you as part of our operational, everyday business to find quick solutions.

You call us, we act. And if you're tackling a new project, our service is here for you then too. We advise you, take a close look at the project, plan, and calculate. We can do

all this because UTS has been in the business a long time, and we know what challenges biogas plants and the handling of all kinds of substrate bring with them. You really need to know a fair bit about slurry, stillage, silage and so on to be able to offer really good service.

SPECIFICALLY:

You can reach us by telephone. Our on-call service is available on Sundays and public holidays too. So that includes the first day of the Christmas holiday or Easter Sunday. If you report a problem, we respond immediately and we process your

request. If you need a spare part, then it will be sent to you quickly, including by overnight express, from our comprehensive spare parts store. If you need help on site, no matter where you are in Germany, we'll send a service engineer out right away. That engineer will have many years of practical experience in either pump assembly or installation, too. They'll also have undergone constant training with us in technology, occupational safety (TRHS 529) and welding (stainless steel, PE).

We promise we won't send you any rookies. So you can depend on the fact that we'll get your problem



quickly and reliably under control. If not, perhaps because the cause is of a process biology nature, for example, then we can call on reliable partners from our service network to step in.

A WEALTH OF SERVICES

If we have supplied you with a separator, a mixer, a pump or a complete biogas plant, then we offer our maintenance and repair service to keep your systems operating perfectly for a very long time. In addition to the delivery and installation of replacement and wear parts, this also includes technical advice as well as process analyses relating to separation, mixer and pump technology.

Alongside classical services, we also offer you a whole raft of additional ones: Inspection of the plant with a gas camera (report for the assessor), container draining including cleaning and repair by specialist companies, repair or replacement of sheeting covers and cost-optimised salvage or repair of full containers (no drainage needed) while keeping downtimes to a minimum.



SMALL TIP:

Depend on our professional UTS service and save our service team's

contact number in your mobile phone: +49 8082 948400.



WE CONVERT WASTE TO RESOURCES, PROTECT THE ENVIRONMENT, AND SUSTAIN LIFE FOR GENERATIONS TO COME



Water
 ● Energy
 ● Fertilizer
 ● Recyclables
 ● Refuse Derived Fuel (RDF)
 ● Waste

INTEGRATED SOLUTIONS: MAXIMIZING RESOURCE RECOVERY



ABOUT ANAERGIA

The UTS Products GmbH belongs to the Anaergia Company. 13 office locations, including 4 manufacturing facilities, track record of building over 1,600 installations on four continents, and flexible delivery models enables us to provide unique integrated solutions to maximize resource recovery from virtually any waste stream, all over the world...

Anaergia is a global leader in the production of clean energy, fertilizer and recycled water from virtually any waste stream, offering the widest range of maximizing resource recovery solutions for the municipal, industrial, commercial and agricultural markets. Anaergia's integrated solutions create value for its customers in the forms of renewable energy, quality fertilizers and clean water, while dramatically reducing the cost of waste

management. Anaergia delivers integrated solutions globally through established offices in North America, Europe, Africa, and Asia and its breakthrough technologies are in use at over a thousand resource recovery facilities worldwide, reducing greenhouse gas emissions while creating new revenue sources for its clients.

OUR MISSION

We convert waste into useful resources, protect the environment, and sustain life for generations to come. Where some see waste, we see resources. ■





An Anaergia Company

UTS Products GmbH

Oestinghausener Str. 12 \cdot D-59510 Lippetal phone: +49 2923 / 610 94 0 \cdot fax: +49 2923 / 610 94 100 products@uts-biogas.com

